

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, Vermont

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Biomass	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Retail Electricity Sales	Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
	Thousand Short Tons	Billion Cubic Feet	Distillate Fuel Oil	HGL <sup>c</sup>	Kerosene	Total	Wood <sup>d</sup>			Million Kilowatthours			
			Thousand Barrels				Thousand Cords						
1960	45	0	2,044	208	701	2,953	173	--	--	451	--	--	--
1965	27	0	3,110	255	649	4,014	137	--	--	678	--	--	--
1970	16	1	3,873	287	436	4,596	105	--	--	1,216	--	--	--
1975	5	1	3,101	447	235	3,783	123	--	--	1,427	--	--	--
1980	2	1	2,171	287	230	2,688	215	--	--	1,781	--	--	--
1985	10	1	2,482	484	514	3,481	155	--	--	1,538	--	--	--
1990	1	2	2,293	894	193	3,380	99	--	--	1,809	--	--	--
1995	(s)	2	2,321	985	180	3,487	108	--	--	1,973	--	--	--
1996	(s)	3	2,368	1,111	203	3,682	113	--	--	2,006	--	--	--
1997	(s)	3	2,309	990	238	3,538	82	--	--	1,992	--	--	--
1998	(s)	2	2,008	1,118	326	3,452	73	--	--	1,951	--	--	--
1999	(s)	3	2,016	1,093	262	3,371	74	--	--	1,999	--	--	--
2000	(s)	3	2,450	1,059	326	3,836	80	--	--	2,037	--	--	--
2001	(s)	3	2,220	1,454	320	3,994	65	--	--	2,009	--	--	--
2002	(s)	3	2,114	1,454	186	3,754	66	--	--	2,047	--	--	--
2003	(s)	3	2,371	1,200	276	3,847	69	--	--	2,011	--	--	--
2004	(s)	3	2,696	1,212	400	4,308	71	--	--	2,109	--	--	--
2005	(s)	3	2,257	1,456	381	4,094	196	--	--	2,189	--	--	--
2006	(s)	3	2,119	1,354	355	3,828	174	--	--	2,142	--	--	--
2007	(s)	3	2,157	1,286	248	3,691	192	--	--	2,170	--	--	--
2008	0	3	1,869	1,291	109	3,269	215	--	--	2,133	--	--	--
2009	0	3	2,022	1,561	168	3,752	427	--	--	2,122	--	--	--
2010	0	3	1,675	1,541	150	R 3,366	373	--	--	2,128	--	--	--
2011	0	3	1,769	1,289	104	R 3,162	381	--	--	2,125	--	--	--
2012	0	3	1,428	1,308	51	R 2,788	356	--	--	2,095	--	--	--
2013	0	3	1,622	1,568	50	R 3,240	492	--	--	2,125	--	--	--
2014	0	4	1,767	1,660	79	R 3,507	R 497	--	--	2,121	--	--	--
2015	0	4	1,885	1,609	65	R 3,559	R 369	--	--	2,089	--	--	--
2016	0	4	1,738	1,447	86	3,271	296	--	--	2,056	--	--	--
Trillion Btu													
1960	1.1	0.0	11.9	0.8	4.0	16.7	3.5	NA	NA	1.5	22.8	3.8	26.6
1965	0.7	0.0	18.1	1.0	3.7	22.8	2.7	NA	NA	2.3	28.5	5.5	34.0
1970	0.4	1.1	22.6	1.1	2.5	26.1	2.1	NA	NA	4.1	33.8	10.0	43.9
1975	0.1	1.1	18.1	1.7	1.3	21.1	2.5	NA	NA	4.9	29.7	11.7	41.4
1980	0.1	1.3	12.6	1.1	1.3	15.1	4.3	NA	NA	6.1	26.8	14.6	41.4
1985	0.2	1.4	14.5	1.9	2.9	19.2	3.1	NA	NA	5.2	29.3	12.0	41.3
1990	(s)	2.1	13.4	3.4	1.1	17.9	2.0	0.0	(s)	6.2	28.2	10.5	38.7
1995	(s)	2.3	13.5	3.8	1.0	18.3	2.2	0.0	(s)	6.7	29.5	8.7	38.2
1996	(s)	2.6	13.8	4.3	1.2	19.2	2.3	0.0	(s)	6.8	30.9	9.4	40.2
1997	(s)	2.7	13.4	3.8	1.4	18.6	1.6	0.0	(s)	6.8	29.7	9.0	38.7
1998	(s)	2.5	11.7	4.3	1.8	17.8	1.5	0.0	(s)	6.7	28.4	8.4	36.9
1999	(s)	2.6	11.7	4.2	1.5	17.4	1.5	(s)	(s)	6.8	28.4	6.5	34.8
2000	(s)	2.9	14.3	4.1	1.8	20.2	1.6	(s)	(s)	7.0	31.6	9.5	41.2
2001	(s)	2.8	12.9	5.6	1.8	20.3	1.3	(s)	(s)	6.9	31.2	10.0	41.2
2002	(s)	2.8	12.3	5.6	1.1	18.9	1.3	(s)	(s)	7.0	30.0	12.1	42.2
2003	(s)	3.1	13.8	4.6	1.6	20.0	1.4	(s)	(s)	6.9	31.4	13.0	44.4
2004	(s)	3.1	15.7	4.7	2.3	22.6	1.4	(s)	(s)	7.2	34.4	12.9	47.3
2005	(s)	3.1	13.1	5.6	2.2	20.9	3.9	(s)	(s)	7.5	35.4	12.5	47.9
2006	(s)	2.9	12.3	5.2	2.0	19.5	3.5	(s)	(s)	7.3	33.2	12.2	45.4
2007	(s)	3.2	12.5	4.9	1.4	18.8	3.8	(s)	0.1	7.4	33.3	12.1	45.4
2008	0.0	3.1	10.8	5.0	0.6	16.4	4.3	(s)	0.1	7.3	31.1	12.0	43.1
2009	0.0	3.2	11.7	6.0	1.0	18.6	8.5	(s)	0.1	7.2	37.7	11.8	49.6
2010	0.0	3.1	9.7	5.9	0.9	16.4	7.5	(s)	0.1	7.3	34.4	11.9	46.3
2011	0.0	3.2	10.2	4.9	0.6	R 15.8	7.6	(s)	0.1	7.2	34.0	11.7	45.7
2012	0.0	3.0	8.2	5.0	0.3	R 13.6	7.1	(s)	0.2	7.1	R 31.1	6.0	R 37.1
2013	0.0	3.5	9.4	6.0	0.3	R 15.7	9.8	(s)	0.2	7.3	R 36.5	5.7	R 42.1
2014	0.0	3.9	10.2	6.4	0.4	R 17.0	R 9.9	(s)	0.3	7.2	R 38.4	6.1	R 44.5
2015	0.0	3.9	10.9	6.2	0.4	R 17.4	R 7.4	(s)	0.4	7.1	R 36.3	2.6	R 38.9
2016	0.0	3.6	10.0	5.6	0.5	16.1	5.9	(s)	0.6	7.0	33.2	2.8	36.0

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.

<sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>d</sup> Wood and wood-derived fuels.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

<sup>g</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>h</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.